

Vehicle: Mechanical Specifications

Tightening Specifications

The content of this article reflects the changes called out by TSB 26-02-95.

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|---|--------------------------------|
| A/C Compressor Bracket to Water Pump Bolt | 41 Nm (30 ft. lbs.) |
| A/C Compressor to Bracket Bolt | 68 Nm (50 ft. lbs.) |
| A/C Compressor Support Bolts | 41 Nm (30 ft. lbs.) |
| Alternator Adjusting Strap Bolt | 23 Nm (200 in. lbs.) |
| Alternator Adjusting Strap Mounting Bolt | 41 Nm (30 ft. lbs.) |
| Alternator Bracket Bolt | 41 Nm (30 ft. lbs.) |
| Alternator Mounting Pivot Nut | 41 Nm (30 ft. lbs.) |
| Camshaft Sprocket Bolt | 54 Nm (40 ft. lbs.) |
| Camshaft Thrust Plate Lock Bolt | 12 Nm (105 in. lbs.) |
| Chain Case Cover Bolt | |
| M8 x 1.25 | 27 Nm (20 ft. lbs.) |
| M10 x 1.5 | 54 Nm (40 ft. lbs.) |
| Connecting Rod Nut | 54 Nm (40 ft. lbs.) + 1/4 turn |
| Crankshaft Pulley Screw to Crankshaft | 54 Nm (40 ft. lbs.) |
| Cylinder Head Bolts | |
| # 1 - 8 | |
| Step 1 | 61 Nm (45 ft. lbs.) |
| Step 2 | 88 Nm (65 ft. lbs.) |
| Step 3 | 88 Nm (65 ft. lbs.) + 1/4 Turn |
| # 9 | 33 Nm (25 ft. lbs.) |

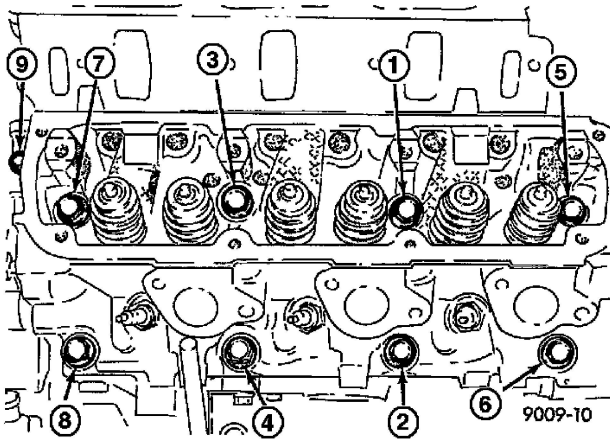


Fig. 11 Cylinder Head Tightening Sequence

Tighten cylinder head bolts in SEQUENCE shown.

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|---|--------------------------------|
| Cylinder Head Cover Bolts | 12 Nm (105 in. lbs.) |
| Exhaust Manifold Screw | 23 Nm (200 in. lbs.) |
| Exhaust Crossover Pipe Flange Nut/Bolt | 33 Nm (25 ft. lbs.) |
| Intake Manifold Bolt | 23 Nm (200 in. lbs.) |
| Intake Manifold Gasket Retaining Screws | 12 Nm (105 in. lbs.) |
| Intake Manifold Plenum Bolt | 28 Nm (250 in. lbs.) |
| Main Bearing Cap Bolt | 41 Nm (30 ft. lbs.) + 1/4 turn |
| Oil Filter Attaching Nipple | 41 Nm (30 ft. lbs.) |
| Oil Lever Sensor Plug | 27 Nm (20 ft. lbs.) |
| Oil Pan Drain Plug | 34 Nm (25 ft. lbs.) |
| Oil Pan Screw | 12 Nm (105 in. lbs.) |
| Oil Pressure Gauge Sending Unit | 7 Nm (60 in. lbs.) |
| Oil Pump Cover Bolt T-30 | 12 Nm (105 in. lbs.) |
| Oil Pump Pick-up Tube Screw | 28 Nm (250 in. lbs.) |
| Rocker Shaft Bracket Bolt | 28 Nm (250 in. lbs.) |
| Spark Plug | 27 Nm (20 ft. lbs.) |
| Starter Mounting Bolt | 68 Nm (50 ft. lbs.) |
| Strut Intake Manifold to Cylinder Head Bolt | 54 Nm (40 ft. lbs.) |
| Tappet Retainer Lock Screw | 12 Nm (105 in. lbs.) |
| Temperature Gauge Sending Unit | 7 Nm (60 in. lbs.) |

1996 Dodge Truck Caravan V6-201 3.3L

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|---|----------------------|
| Timing Chain Snubber Screw | 12 Nm (105 in. lbs.) |
| Water Pump to Chain Case Cover Bolt | 12 Nm (105 in. lbs.) |